

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	704	(teeth or tooth) (suction adj (cup or disk or disc))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/09/12 10:03
L2	0	protrucion\$4 (suction adj (cup or disk or disc))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/09/12 10:05
L3	477	protrusion\$4 (suction adj (cup or disk or disc))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/09/12 10:06
S2	1	suton-yasunari.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/30 19:58
S3	23326	suction cup	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/30 19:58
S4	0	suctio plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/30 19:59
S5	2581	suction plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/30 19:59
S6	852	vacuum wall	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/30 19:59
S8	2299430	(synthetic resin) or plastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/30 20:00
S9	9300	S8 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/09/30 20:00
S10	174	choi-min\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 09:12
S11	23326	suction cup	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 09:20

S12	105	S11 and screw shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 09:20
S13	0	("2008/0210834").URPN.	USPAT	ADJ	ON	2008/10/01 09:20
S14	2581	suction plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 09:29
S15	2299430	(synthetic resin) or plastic	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 09:29
S16	443	S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/10/01 09:29
S17	14	("2523157" "2871053" "3230002" "3696596" "4708381").PN. OR ("4858976").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/01 09:57
S18	745	248/205.5,206.2.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/01 10:35
S19	172	7046001 5559428 5644221 5659492 5660672 5663637 5770948 6707540 6563308. pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/01 13:45
S20	160	7046001 5559428 5644221 5659492 5660672 5663637 5770948 6707540 6563308. pn.	USPAT	ADJ	ON	2008/10/01 13:46
S21	570	S11 and polyurethane	USPAT	ADJ	ON	2008/10/01 14:33
S22	0	S11 and (polyurethane "150" pcs)	USPAT	ADJ	ON	2008/10/01 14:34
S23	0	S11 and gel polyurethane	USPAT	ADJ	ON	2008/10/01 14:34
S24	0	S11 and (gel polyurethane)	USPAT	ADJ	ON	2008/10/01 14:34
S25	407	S21 and S15	USPAT	ADJ	ON	2008/10/01 14:35
S26	8	methylene-diisocyanate	USPAT	ADJ	ON	2008/10/01 14:36
S27	406	methylene\$diisocyanate	USPAT	ADJ	ON	2008/10/01 14:36
S28	0	S27 and S11	USPAT	ADJ	ON	2008/10/01 14:36
S29	0	S27 and S14	USPAT	ADJ	ON	2008/10/01 14:37
S30	0	S26 and S11	USPAT	ADJ	ON	2008/10/01 14:37
S31	1	S14 and S21	USPAT	ADJ	ON	2008/10/01 14:47

S32	0	KR "200302081"	EPO; JPO; DERWENT	ADJ	ON	2008/10/27 10:41
S33	9	"200302081"	EPO; JPO; DERWENT	ADJ	ON	2008/10/27 10:41
S34	9	("200302081").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/10/27 10:42
S35	2	(("4858976") or ("20020113181")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/29 18:30
S36	0	(vacuum wall polyurethane). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2011/05/04 20:00
S37	0	(vacuum wall gel).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2011/05/04 20:00
S38	19	(vacuum wall polyurethane). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2011/05/04 20:01
S39	4309	(suction cup).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2011/05/04 20:03
S40	41	S39 and polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2011/05/04 20:04
S41	2666	S39 and @ad<="20031011"	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2011/05/04 20:05
S42	16	S41 and polyurethane	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2011/05/04 20:05
S43	20	("0696186" "3154306" "3552741" "3901502" "4081686" "4262896" "4359216" "4399990" "4509736" "4514958" "4589648" "4734926" "4775138" "4887284" "4979729").PN. OR ("5083764").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/04 20:12
S44	32	("0783206" "1990334" "2163274" "2745665" "3053529" "3322301" "3994488" "4420150" "4428793").PN. OR ("4589648").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/04 20:13
S45	201	((rough or cracked or indented) near4 surface) (suction cup)	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/04 20:16
S46	7	("2002/0036108").URPN.	USPAT	SAME	ON	2011/05/04 20:21
S47	1	("2006/0237604").URPN.	USPAT	SAME	ON	2011/05/04 20:27

S48	5	{"2007/0102847").URPN.	USPAT	SAME	ON	2011/05/04 20:30
S49	22	{"20070102847" "20070246621" "20080048083" "20080048084" "20080251664" "20090027359" "20090057510" "2055397" "2131224" "2871054" "5029786" "5133524" "5176346" "5372761" "5711501" "6143391" "6318685" "7293750" "7469868").PN. OR ("7913962").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/04 20:34
S50	9	{"20070102847" "20070246621" "20080048083" "20080210834" "20080230661" "20080230662" "5133524" "5372761" "7469868").PN. OR ("7837163").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/04 20:36
S51	4	(((rough or irregular) surface) suction cup).ab.	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/04 20:44
S52	3	{"2008/0217493").URPN.	USPAT	SAME	ON	2011/05/04 20:46
S53	9	{"3997759" "4356989" "4564188" "4600229" "5487440" "5839532" "6072940" "6090221" "6148144").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/04 20:52
S54	0	{"200200361108").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/04 20:55
S55	2	(("200200361") or ("0000008")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/04 20:56
S56	1	{"20020036108").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/04 20:56
S57	1	{"20020036108").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/06 10:40
S58	2	{"2008/0210834").URPN.	USPAT	SAME	ON	2011/06/07 15:28

S59	60	(US-20080210834-\$ or US-20070241246-\$ or US-20040212124-\$ or US-20080217826-\$ or US-20070187965-\$ or US-20070094779-\$ or US-20070006742-\$ or US-20060284043-\$ or US-20060254669-\$ or US-20080116336-\$ or US-20070262217-\$ or US-20070246621-\$ or US-20070200037-\$ or US-20070138358-\$ or US-20060027720-\$ or US-20050218278-\$ or US-20020175250-\$ or US-20020113181-\$ or US-20070023594-\$ or US-20020036108-\$ or US-20030102419-\$ or US-20040195021-\$ or US-20050269143-\$ or US-20060237604-\$ or US-20070102847-\$ or US-20080217493-\$).did. or (US-6105695-\$ or US-5890553-\$ or US-5544839-\$ or US-5261265-\$ or US-4987700-\$ or US-4779829-\$ or US-4681520-\$ or US-4624539-\$ or US-6298216-\$ or US-6176265-\$ or US-4858976-\$ or US-6145830-\$ or US-4708381-\$ or US-3230002-\$ or US-2871053-\$ or US-2523157-\$ or US-4790456-\$ or US-7066434-\$ or US-6663077-\$ or US-6478271-\$ or US-5083764-\$ or US-3154306-\$ or US-3552741-\$ or US-4589648-\$ or US-4328761-\$ or US-7594448-\$).did. or (US-7690609-\$ or US-7837163-\$ or US-7913962-\$ or US-3862627-\$ or US-6856761-\$).did. or (US-3230002-\$ or US-2523157-\$).did. or (JP-2000027498-\$).did.	US-PGPUB; USPAT; USOCR; JPO	SAME	ON	2011/06/07 15:30
S60	9	S59 and gel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/06/07 15:31

S61	0	("12190623").ap. or ("11841293").ap. or ("115050345").ap. or ("10575593").ap. or ("12047919").ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/06/07 15:40
S62	0	"12190623".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/06/07 15:41
S63	7	"190623".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2011/06/07 15:42
S64	0	("2010/0038503").URPN.	USPAT	SAME	ON	2011/06/07 15:42

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